

ABSTRACT OF THE DISCLOSURE

A medical electrode is provided for measuring the electrical resistance of the body of a patient, especially an impedance cardiography electrode. The electrode includes a non-conductive, unilaterally adhesive support (1) that is elongated and that forms a connecting strap (1') at its one end for connecting the electrode with electrical terminals; and two contact strips (2a, 2b) from an electrically conductive aluminum composite film, as the electrode material, that are adhered to the support (1) on the adhesive face thereof. The contact strips (2a, 2b) on their side facing away from the support (1) form a composite structure with a skin-friendly electrically conductive adhesive, leaving free the connection straps or lugs (2a', 2b'), and the strips bend into connection straps (2a', 2b') at the connecting end of the support (1). The electrode may optionally have a peelable, protective cover for use on the adhesive faces of the support (1) and the contact strips (2a, 2b) that are to come in contact with the body of the patient.